INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.	SERIAL NO.
A-66566-3/RFT/RMS/RMK	09/440,371
APPLICANT: BLACKBURN et al.	
FILING DATE: November 12, 1999	GROUP: 1643

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CM	A	4,707,352	11/17/87	Stavrianopoulos	—	—	
CM	B	4,707,440	11/1987	Stavrianopoulos	435	6	
CM	C	4,711,955	12/8/87	Ward, et al.			
CM	D	4,755,458	7/5/88	Rabbani, et al.			
CM	E	4,849,513	7/18/89	Smith, et al.	536	27	
CM	F	4,868,103	9/19/89	Stavrianopoulos, et al.			
CM	G	4,894,325	1/16/90	Englehardt, et al.			
CM	H	4,943,523	7/24/90	Stavrianopoulos			
CM	I	4,952,685	8/28/90	Stavrianopoulos			
CM	J	4,994,373	2/19/91	Stavrianopoulos			
CM	K	5,002,885	3/26/91	Stavrianopoulos			
CM	L	5,013,831	5/7/91	Stavrianopoulos			

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EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes	Translation No
CM	M	0 063 879	11/3/82	Europe				
CM	N	92/10757	6/25/92	WO				
CM	O	95/15971	6/15/95	WO				
CM	P	0 234 938	2/26/87	EP (A2)				
CM	Q	93/10267	5/27/93	WO				
CM	R	2,090,904	9/24/93	Canada				
CM	S	0 599 337	1/16/94	EP (A2)				

EXAMINER	DATE CONSIDERED
Alan Nagenrauft	5/24/05

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CM	T	5,082,830	1/21/92	Brakel, et al.			
CM	U	5,175,269	12/29/92	Stavrianopoulos			
CM	V	5,241,060	8/31/93	Englehardt, et al.			
CM	W	5,278,043	1/11/95	Bannwarth, et al.	536	23.1	
CM	X	5,312,527	5/17/94	Mikkelsen, et al.	204	153.12	
CM	Y	5,328,824	7/12/94	Ward, et al.	—	—	
CM	Z	5,449,767	9/12/95	Ward, et al.	—	—	
CM	AA	5,472,881	12/5/95	Beebe, et al.	436	94	
CM	BB	5,476,928	12/19/95	Ward, et al.	—	—	
CM	CC	5,595,908	1/21/97	Fawcett, et al.	534	11	
CM	DD	5,565,552	10/15/96	Magda, et al.	534	11	
CM	EE	5,573,906	11/12/96	Bannwarth, et al.	435	6	
CM	FF	5,591,578	1/7/97	Meade, et al.	435	6	
CM	GG	5,601,982	2/1997	Sargent, et al.	435	6	

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EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes	Translation No
	~~HH~~	238,166	1988	JP (Abstract 63-238166)				
CM	II	0 229 943	7/29/87	EP (B1)				
CM	JJ	96/40712	12/19/96	WO				
CM	KK	0515615	9/4/96.	EP UK				
CM	LL	97/01646	1/16/97	WO				
CM	MM	93/23425	11/25/93	WO				

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APPLICANT BLACKBURN et al.	
FILING DATE November 12, 1999	GROUP 1643

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CM	NN	4,840,893	6/20/89	Hill et al.	435	6	
CM	OO	5,403,451	4/4/95	Riviello et al.	204	153.1	
CM	PP	5,620,850	4/15/97	Bamdad et al.	530	300	
CM	QQ	5,780,234	7/14/98	Meade et al.	435	6	
CM	RR	5,770,369	6/23/98	Meade et al	435	6	
CM	SS	5,705,348	1/6/98	Meade et al.	435	6	
CM	TT	5,705,346	1/6/98	Okamoto et al.	435	6	
CM	UU	5,571,568	11/5/96	Ribi et al.	427	487	
CM	VV	5,156,810	6/15/89	Ribi	422	82.01	
CM	WW	5,491,097	2/13/96	Ribi et al.	436	518	
CM	XX	5,776,672	7/7/98	Hashimoto et al.	435	6	
CM	YY	5,605,662	2/1997	Heller et al.	422	68.1	
CM	ZZ	5,632,957	6/1997	Heller et al.	422	68.1	

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EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes	Translation No
CM	AAA	90/05732	5/31/90	WO				
CM	BBB	94/22889	10/13/94	WO				
CM	CCC	97/01646	01/16/97	WO				
CM	DDD	98/35232	8/13/98	WO				
CM	EEE	98/04740	2/5/98	WO				

EXAMINER	Clbr Nagrampa	DATE CONSIDERED	5/24/05

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CM	FFF	4,787,963	11/1988	MacConnell			
CM	GGG	5,015,569	5/1991	Pontius			
CM	HHH	5,582,984	12/1996	Bieniarz et al.			
CM	III	5,843,767	12/1998	Beattie			

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CM	JJJ	98/20162	5/1998	PCT				
CM	KKK	96/40712	12/1996	PCT				
CM	LLL	99/14596	3/1999	PCT				
CM	MMM	0 229 442	7/1987	EPO				
CM	NNN	95/11755	5/1995	PCT	—	—		

EXAMINER	Ellen Marcketa	DATE CONSIDERED	5/24/05

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INFORMATION DISCLOSURE CITATION PTO-1449	ATTY. DOCKET NO. A-66566-3/RFT/RMS/RMK	SERIAL NO. 09/440,371
	APPLICANT BLACKBURN et al.	
	FILING DATE November 12, 1999	GROUP 1643

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EXAMINER	Alba Negrerala	DATE CONSIDERED	5/24/05

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Ella Nagrampa	5/24/05

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Ella Rogers	5/24/05

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EXAMINER	DATE CONSIDERED
Ellen Marcelo	5/24/05

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INFORMATION DISCLOSURE CITATION PTO-1449	ATTY. DOCKET NO. A-66566-3/RFT/RMS/RMK	SERIAL NO. 09/440,371
	APPLICANT BLACKBURN et al.	
	FILING DATE November 12, 1999	GROUP 1643

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EXAMINER	Alan Nagarkar	DATE CONSIDERED	5/24/05

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APPLICANT: BLACKBURN et al.	
FILING DATE: November 12, 1999	GROUP: 1643

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known	
Application Number	09/440,371
Filing Date	November 12, 1999
First Named Inventor	BLACKBURN, Gary
Art Unit	1753
Examiner Name	Noguerola, Alex S.
Attorney Docket Number	A-66566-3/RMS/RMK/SPL (463037-00152)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AN	A1	4,908,319	03-13-1990	Smyczek at al.	
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	A4	5,126,022	06-30-1992	Soane et al.	
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AN	A32	5,643,738	07-01-1997	Zanzucchi et al.	

Examiner Signature	Alex Noguerola	Date Considered	5/18/05

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AN	A33	5,681,484	10-28-1997	Zanzucchi et al.	
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AN	B1	DE 197 25 190	12-17-1998	Innova GmbH		
AN	B2	EP 0 213 825 A2	03-11-1987	Molecular Devices Corp		
AN	B3	EP 0 637 996 B1	07-23-1997	The Trustees of the University of Pennsylvania		
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AN	B8	EP 0 969 083 A1	01-05-2000	Olympus Optical Co. Ltd.		
AN	B9	JP 11-183437 A	07-01-1999	Shimadzu Corp.		
AN	B10	WO 93/22053 A1	11-11-1993	The Trustees of the University of Pennsylvania		
AN	B11	WO 96/15450 A1	05-23-1996	David Sarnoff Research Center		
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AN	B15	WO 97/16561 A1	05-09-1997	David Sarnoff Research Center		
AN	B16	WO 97/27324 A1	07-31-1997	David Sarnoff Research Center		

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AN	B17	WO 97/36681 A1	10-09-1997	Perkin Elmer Corp.		
AN	B18	WO 97/43629 A1	11-20-1997	Sarnoff Corporation		
AN	B19	WO 98/01758 A1	01-15-1998	Nanogen, Inc.		
AN	B20	WO 98/05424 A1	02-12-1998	Caliper Technologies Corp.		
AN	B21	WO 98/12539 A1	03-26-1998	Meso Scale Technologies, LLC		
AN	B22	WO 98/13683 A1	04-02-1998	Sarnoff Corporation		
AN	B23	WO 98/15893 A1	04-16-1998	Advanced Risc Mach Ltd.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[6]
AN	C1	BECKER, H., et al., "Microfluidic Manifolds by Polymer Hot Embossing for μ-TAS Applications," *Micro Total Analysis Systems '98 Conference, Proc. μ-TAS '98*, pp. 253-256, Banff, British Columbia, CA (Oct. 13 - 16, 1998).	
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Examiner Signature	Alex Noguerola	Date Considered	5/18/05

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Art Unit	1753
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AN	C13	WANG, J., et al., "Peptide Nucleic Acid Probes for Sequence-Specific DNA Biosensors," *J. Am. Chem. Soc.* 118(33):7667-7670 (Aug. 1996).	
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AN	C16	WILDING, P., et al., "PCR in a Silicon Microstructure," *Clin. Chem.* 40(9):1815-1818 (Sep. 1994).	

Examiner Signature	Alex Noguerola	Date Considered	5/18/05

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